	Application No.	Applicant(s)
Notice of Allowability	09/895,048	MESARINA ET AL.
	Examiner	Art Unit	
	Asad M. Nawaz	2155	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address--*

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *the RCE filed on 9/8/05*.

2. ☒ The allowed claim(s) is/are *1-3,5,7-12,14,16-21,23,25-30,32 and 33*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

        Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

/SALEH NAJJAR
SUPERVISORY PATENT EXAMINER

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

2.   Authorization for this examiner's amendment was given in a telephone interview

with John P. Wagner (Reg. No. 35,398) on 12/8/05.

3.   The application has been amended as follows:

In the claims:

Claims 1, 4, 10, 13, 19, 22, 28, and 31 have been amended as follows.

Claim 1. (Currently Amended) In a server device, a method for processing an

encoded data stream wherein said encoded data stream is non-preemptable and

subject to precedence constraints, said method comprising:

assigning a processor settings to tasks in a plurality of tasks, wherein a

respective processor setting corresponds to a setting used by a processor of a client

device to execute a task of said plurality of tasks and wherein said task decodes without

preemption a frame of said encoded data stream;

generating an execution schedule for decoding said encoded data stream,

wherein said execution schedule comprises a sequence for executing at said client

device said plurality of tasks according to precedence constraints of the encoded data

stream that fix the order for executing at least a subset of said tasks;

~~and~~ transmitting to said client device said execution schedule and said processor

settings:

and wherein said processor of said client device operates using a discrete

variable-voltage power supply.

Claim 4. (canceled)

Claim 10. (currently amended) A computer system comprising:

a bus;

a memory unit coupled to said bus;

a communication interface coupled to bus and operable to establish a

communication link with a client device;

and a processor coupled to said bus, said processor for executing a method for

processing an encoded data stream wherein said encoded data stream is non-

preemptable and subject to precedence constraints, said method comprising;

assigning a processor settings to tasks in a plurality of tasks, wherein a

respective processor setting corresponds to a setting used by a processor of said client

device to execute a task and wherein said task decodes without preemption a frame of

said encoded data stream; .

generating an execution schedule for decoding said encoded data stream,

wherein said execution schedule comprises a sequence for executing at said client

device said plurality of tasks according to precedence constraints of the encoded data

stream that fix the order for executing at least a subset of said tasks;

and transmitting to said client device said execution schedule and said processor

settings;

and wherein said processor of said client device operates using a discrete

variable-voltage power supply.

Claim 13. (canceled)

Claim 19. (currently amended) A computer-usable medium having computer-

readable program code embodied therein for causing a computer system to perform a

method of processing an encoded data stream, said method comprising:

assigning processor settings to tasks in a plurality of tasks, wherein a respective

processor setting corresponds to a setting used by a processor of a client device to

execute a task of said plurality of tasks and wherein said task decodes without

preemption a frame of said encoded data stream;

generating an execution schedule for decoding said encoded data stream,

wherein said execution schedule comprises a sequence for executing at said client

device said plurality of tasks according to precedence constraints of the encoded data

stream that fix the order for executing at least a subset of said tasks;

and transmitting to said client device said execution schedule and said processor

settings;

and wherein said processor of said client device operates using a discrete

variable-voltage power supply.

Claim 22 (Canceled).

Claim 28 (currently amended) In a client device, a method for decoding an encoded data stream, said method comprising:

receiving said encoded data stream, wherein said encoded data stream is non-preemptable and subject to precedence constraints <u>of the encoded data stream</u> that fix the order for executing at least a subset of said tasks;

receiving an execution schedule for decoding said encoded data stream, wherein said execution schedule comprises a sequence for executing a plurality of tasks according to said precedence constraints, wherein a task decodes without preemption a frame of said encoded data stream;

and receiving a processor setting for each task in said plurality of tasks, wherein said processor setting specifies a setting used by a processor of said client device to execute a respective task<u>;</u>

<u>and wherein said processor of said client device operates using a discrete variable-voltage power supply.</u>

Claim 31 (canceled).

Examiner's Reasons For Allowance

4.   The following is an examiner's statement of reasons for allowance: The prior art of record does not teach or disclose alone or in combination the fixing of precedence constraints of the encoded data stream in a system utilizing a discrete variable-voltage power supply in the environment as taught in the instant application.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

5.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Asad M. Nawaz whose telephone number is (571) 272-3988. The examiner can normally be reached on M-F 8-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571) 272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AMN

SALEH NAJJAR
SUPERVISORY PATENT EXAMINER